Title (en)

SELF-CINCHING SUTURE CONSTRUCT APPARATUS

Title (de)

SELBSTZUZIEHENDER NAHTKONSTRUKTIONSAPPARAT

Title (fr)

APPAREIL DE CONSTRUCTION DE SUTURE À SERRAGE AUTOMATIQUE

Publication

EP 3648681 A1 20200513 (EN)

Application

EP 18827863 A 20180706

Priority

- US 201715643173 A 20170706
- US 201715783498 A 20171013
- US 201815937390 A 20180327
- US 2018041116 W 20180706

Abstract (en)

[origin: US9924939B1] A knotless self-cinching suture construct device includes a shuttling suture, a continuous loop and a self-cinching suture member. The shuttling suture is configured for insertion into a passage hole in injured soft tissue, such as a torn or damaged meniscus in the knee. The shuttling suture and continuous loop are passed entirely through the passage hole in the tissue, and the self-cinching suture member is inserted through the continuous loop to form a hitch using the continuous loop around the tissue. The self-cinching suture member is then pulled tight, allowing a first strand to slide through both the hitched continuous loop and a self-cinching sleeve on the suture member. When tension is applied, the sleeve tightens around the strand much like a finger trap, preventing inadvertent release of the applied suture tension. The suture construct is configured for use through a transosseous tunnel with a suture button in some embodiments.

IPC 8 full level

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CPC (source: EP IL KR US)

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